



Example of Research Support Job Description

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Our company is growing rapidly and is looking to fill the role of research support. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for research support

- Assessment of recombinant protein vaccine antigens in small animal biological assays
- Assessment and characterization of immunotherapeutic molecules in both in vitro and in vivo models
- Produce and characterize challenge toxins from strains expressing toxin variants not commercially available for use in vaccine challenge studies
- Characterize new *Clostridium botulinum* strains as to morphological, biophysical, and genetic characterizations
- Prepare animal protocols, standard operating procedures, and other documentation necessary to conduct assigned experiments
- Assist in the preparation of statements of work, annual reports and manuscripts related to their research and assigned tasks
- Will provide laboratory support with laboratory experiments in BSL-2/3 CDC registered laboratories and thus must hold and maintain BPRP status
- Assist in the initial definition of the problem statement and data requirements
- Assist in the creation of measurement systems to track project success and goal attainment
- Perform extensive analysis of the problem and outline possible solutions

Qualifications for research support

- Ability to effectively communicate observations

- Knowledge of basic materials science/chemistry/physics principles governing CO₂ capture
- Knowledge of nucleation and growth kinetics for CO₂ to carbonate species
- Previous undergraduate research experience
- Knowledge of data management and plotting tools (Microsoft Excel, Origin)